

Amendments to the Claims

Listing of Claims:

Original Claims 1-10 (canceled).

Claim 11 (new). A drill bit, comprising:

an elongated shaft;

a cutting plate disposed on said elongated shaft, said cutting plate having a centering tip and lateral regions formed with cutting edges;

a rake face disposed ahead of a respective said cutting edge in a direction of rotation of the drill bit, and a flank disposed behind said cutting edge in the direction of rotation of the drill bit, said rake face and said flank face enclosing a wedge angle γ with one another and defining said cutting edge therebetween;

said cutting edges at said centering tip being offset with respect to said lateral regions, with said cutting edges being set back in the direction of rotation relative to said cutting edges of the lateral regions; and

said cutting edges at said centering tip, at least in a region directly adjacent said cutting edges, having a rake angle α ranging from 70° to 90° and a wedge angle γ ranging from 50° to 70°.

Claim 12 (new). The drill bit according to claim 11, wherein said cutting edges of said centering tip are set back approximately by one third of a thickness s of said cutting plate and run parallel to said cutting edges of said lateral marginal regions.

Claim 13 (new). The drill bit according to claim 11, wherein said the centering tip has a width b ranging from 25% to 50% of a drill bit diameter d .

Claim 14 (new). The drill bit according to claim 11, wherein an envelope of said cutting edges of said centering tip is offset with respect to an envelope of said cutting edges of said lateral regions in a drill bit center by a distance a in a direction of a drill bit axis.

Claim 15 (new). The drill bit according to claim 14, wherein said distance a ranges from 10% to 15% of said drill bit diameter d .

Claim 16 (new). The drill bit according to claim 14, wherein a point angle δ_1 of said cutting edges of said centering tip is smaller than a point angle δ_2 of said cutting edges of said lateral regions.

Claim 17 (new). The drill bit according to claim 16, wherein said the point angle δ_1 is approximately 130° .

Claim 18 (new). The drill bit according to claim 16, wherein said point angle δ_2 is approximately 150° .

Claim 19 (new). The drill bit according to claim 11, wherein said rake faces of said cutting edges of said centering tip have a flat region directly adjacent said cutting edges, and said flat region merges into curved faces that peter out centrally and downward, wherein said flat region has a rake angle α of approximately 90° and a wedge angle γ of approximately 60° .

Claim 20 (new). The drill bit according to claim 11 configured as a masonry drill bit.

Claim 21 (new). A cutting plate for a drill bit, comprising:

cutting edges formed on a centering tip in a rotational center of the cutting plate and on lateral regions laterally of said centering tip;

a rake face disposed ahead of a respective said cutting edge in a direction of rotation of the drill bit, and a flank disposed behind said cutting edge in the direction of rotation, said rake face and said flank face enclosing a wedge angle γ with one another and defining said cutting edge therebetween;

said cutting edges on said centering tip being offset with respect to said lateral regions, with said cutting edges on said centering tip being set back in the direction of rotation relative to said cutting edges of said lateral regions; and

said cutting edges on said centering tip, at least in a region directly adjacent said cutting edges, having a rake angle α ranging from 70° to 90° and a wedge angle γ ranging from 50° to 70° .

Claim 22 (new). The cutting plate according to claim 21 configured for a masonry drill bit.